

03500.013292.1

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	:	Examiner: Jonas N. Strickland
Tomoya YAMAMOTO, et al.)	
	:	Group Art Unit: 1754
Application No.: Unassigned (Divisional of)	
U.S Appln. No. 09/238,551,	:	
filed January 28, 1999))	
	:	
Filed: April 8, 2004)	
(Concurrently herewith)	:	
)	
For: POWDER MATERIAL,	:	
ELECTRODE STRUCTURE,)	
PRODUCTION PROCESS	:	
THEREOF, AND)	
SECONDARY LITHIUM	:	
BATTERY)	April 8, 2004

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

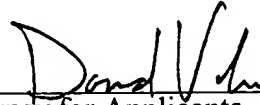
In compliance with the duty of disclosure under 37 C.F.R. §1.56 and in accordance with the practice under 37 C.F.R. §§1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449.

The documents listed on the Form PTO-1449 were cited in parent Application No. 09/238,551. The Examiner is respectfully directed to the Patent and Trademark Office files for review of these documents. See MPEP §609.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned with the next communication from the Office, indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Damond E. Vadnais", is written over a horizontal line.

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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. 03500.013292.1		APPLICATION NO. Unassigned (Divisional of U.S. Appln. No. 09/238,551, filed January 28, 1999)	
Date Submitted to PTO: April 8, 2004				APPLICANT Tomoya YAMAMOTO, et al.			
				FILING DATE April 8, 2004 (Concurrently herewith)		GROUP 1754	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,908,716	06/01/1999	Barker	429	218.1	
		5,910,382	06/08/1999	Goodenough et al.	429	218.1	
		5,919,587	07/06/1999	Mukherjee et al.	429	213	
		5,665,491	09/09/1997	Tomiyama et al.	429	194	

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		6-223818	08/12/1994	Japan			
		8-130011	05/21/1996	Japan			
		8-171900	07/02/1996	Japan			
		8-250119	09/27/1996	Japan			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)	
	A.N. Dey et al., "The Electrochemical Decomposition of Propylene Carbonate on Graphite", J. Electrochem. Soc., vol. 117, no. 2, pp. 222-224 (1970).
	K.S. Nanjundaswamy et al., "Synthesis, redox potential evaluation and electrochemical characteristics of NASICON-related-3D framework compounds", Solid State Elec., vol. 92, pp. 1-10 (1996).
	Ouvrard G., et al. "Structural, Physical and Electrochemical Characteristics of a Vanadium Oxy sulfide, a Cathode Material of Lithium Batteries", Journal of Power Sources, vol. 54, no. 2, pp. 246-249, April (1995).
	Y. Chabre, et al. "Lithium Electrochemical Intercalation in β -VOSO, Journal of Alloys and Compounds", vol. 262-263, no. 6, pp. 34-38, November (1997).

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,922,491	07/13/1999	Ikawa et al.	429	218	
		6,022,640	02/08/2000	Takada et al.	429	231.95	
		4,251,606	02/17/1981	Haering et al.	429	194	

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		0 813 256	12/17/1997	Europe			
		0 825 663	02/25/1998	Europe			
		39 41 895	05/29/1991	Germany			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)	
	J. Gaubicher et al., "Lithium electrochemical intercalation in β -VOSO ₄ ", J. Alloys and Cmpds., vol. 262-263, pp. 34-38 (1997).
	A. Gilmour, "A novel rechargeable lithium composite cathode system", J. Power Sources, vol. 65, pp. 241-245 (1997).
	M. Stanley Whittingham, et al. "The Intercalation and Hydrothermal of Solid Electrodes", Solid States Ionics, vol. 94, no. 1, pp. 227-238 (1997).
	Thomas Chirayil, et al. "Hydrothermal Synthesis and Characterization", Solid States Ionics, vol. 84, no. 3, pp. 163-168 (1996).

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